

### Dropping Insulin Requirements with Testosterone Injections

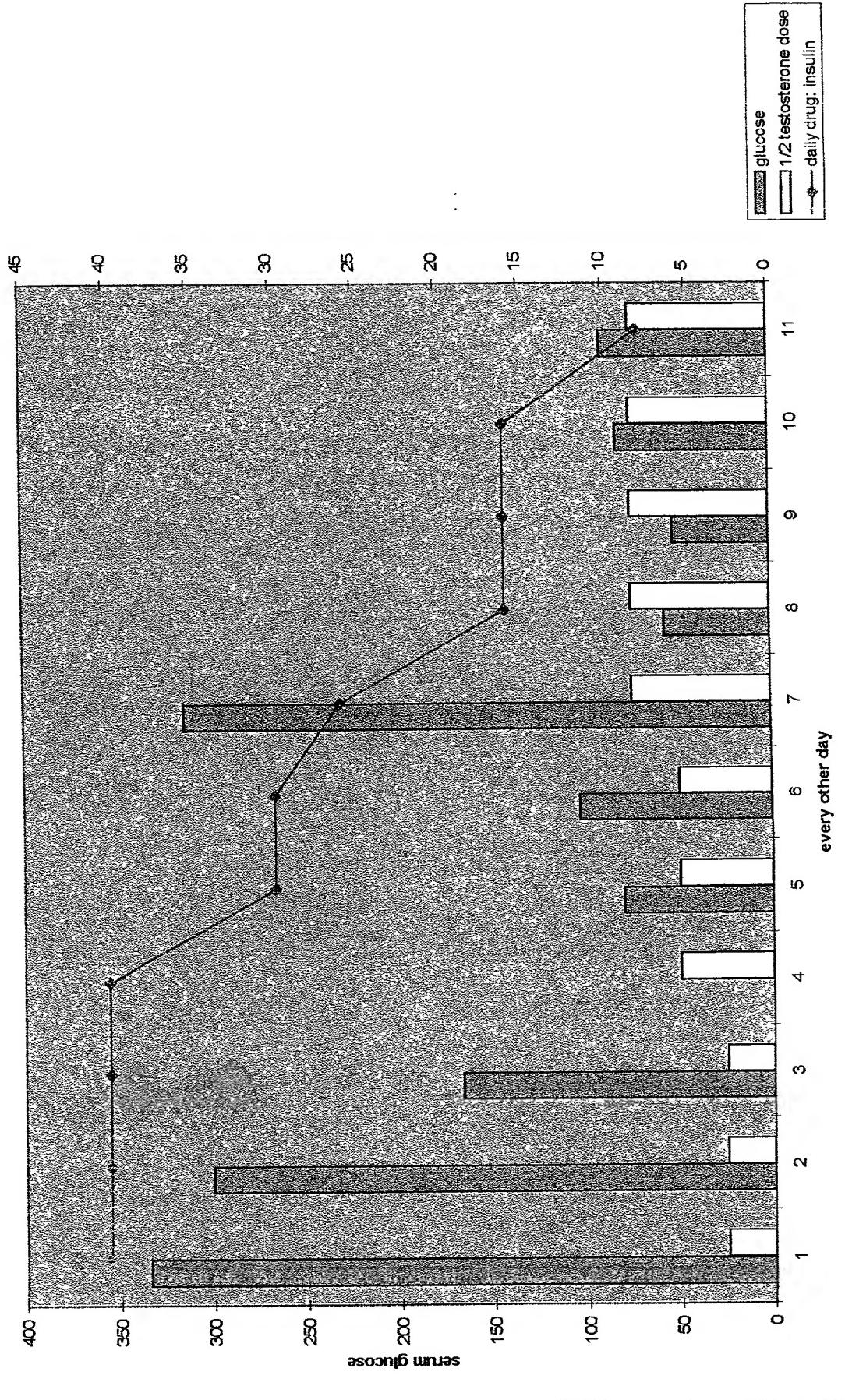


FIGURE 1

## Dropping Micronase Requirements with Testosterone Injection

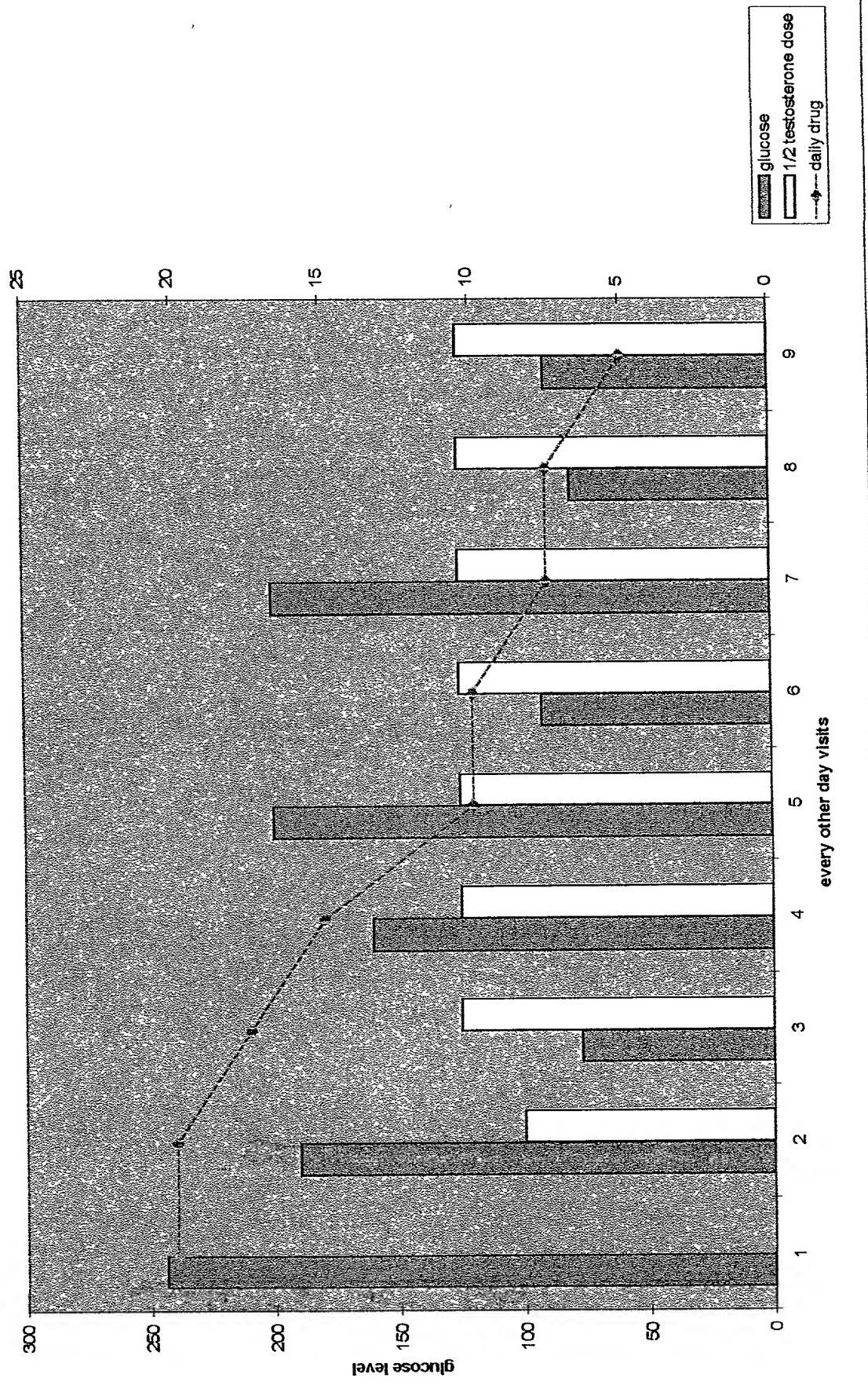


FIGURE 2

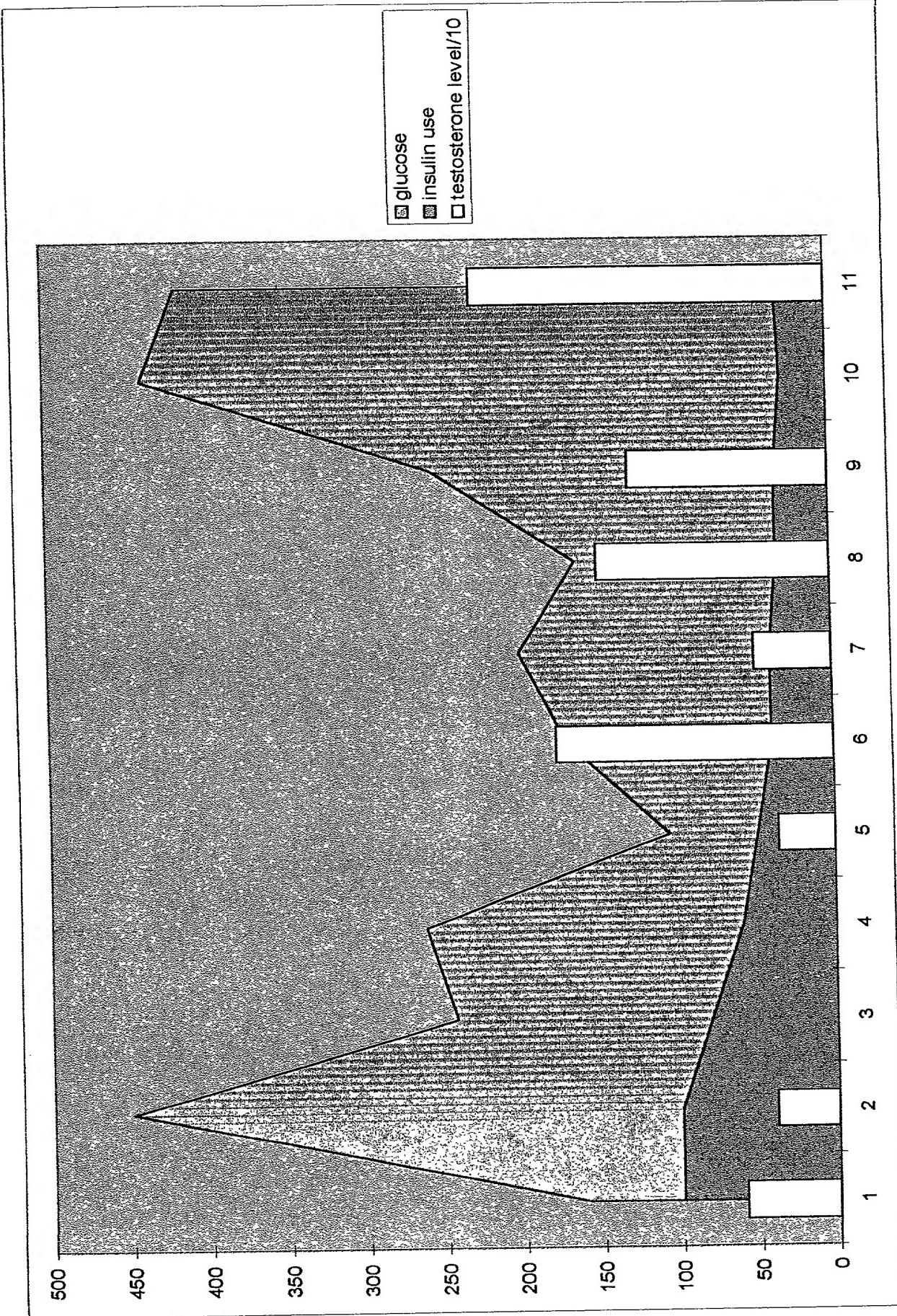
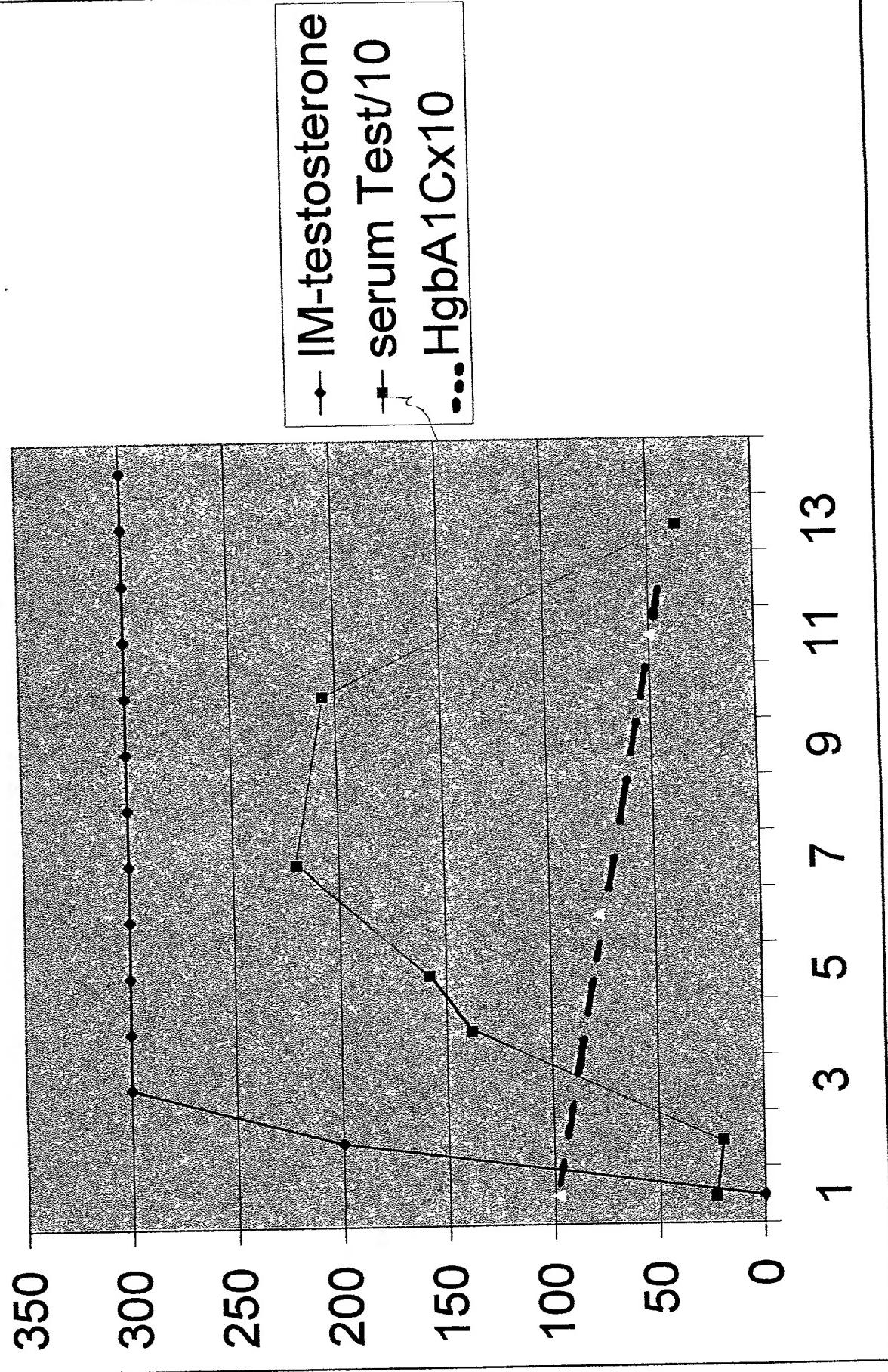
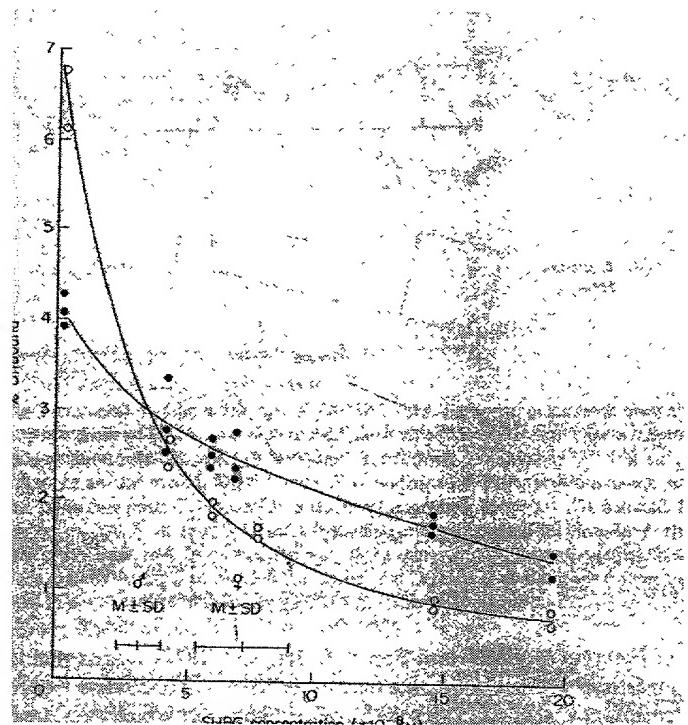


FIGURE 3

FIGURE 4



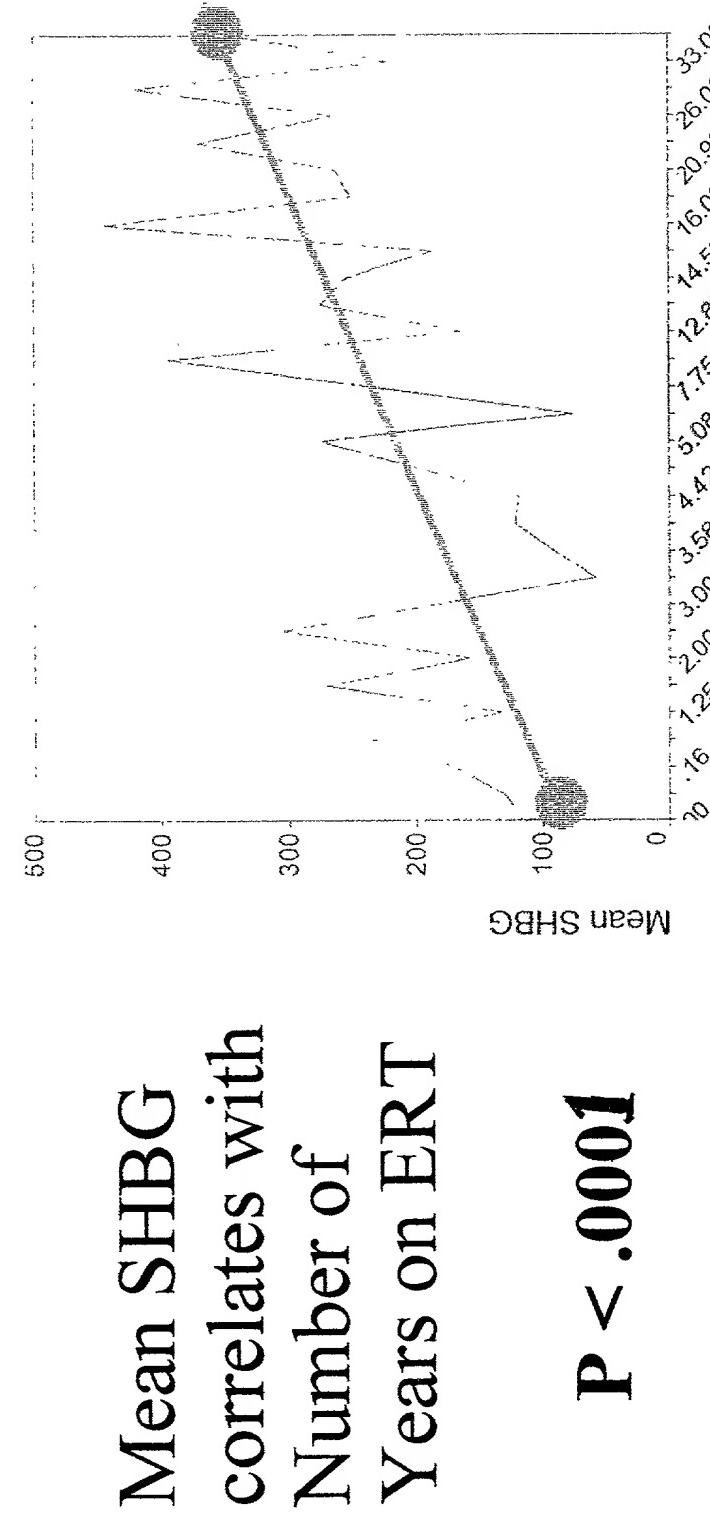


*In vitro* experiment showing differential effect of SHBG on the percentage unbound of tracer triated testosterone (o) and estradiol (\*). Normal male and female concentrations indicated by the horizontal bars. Reproduced from Burke and Anderson with permission of Editor.

FIGURE 5

# D-ESTROGENS Correlate to SHBG

LENGTH OF TIME ON ESTROGEN REPLACEMENT!



total duration of hrt use in years and months

FIGURE 6

# Long-term ERT increases SHBG

## Correlation

No vs >10 years	.039
1-4 vs >10 years	.037
No vs 1-4 years	.039
5-9 vs >10 years	.037

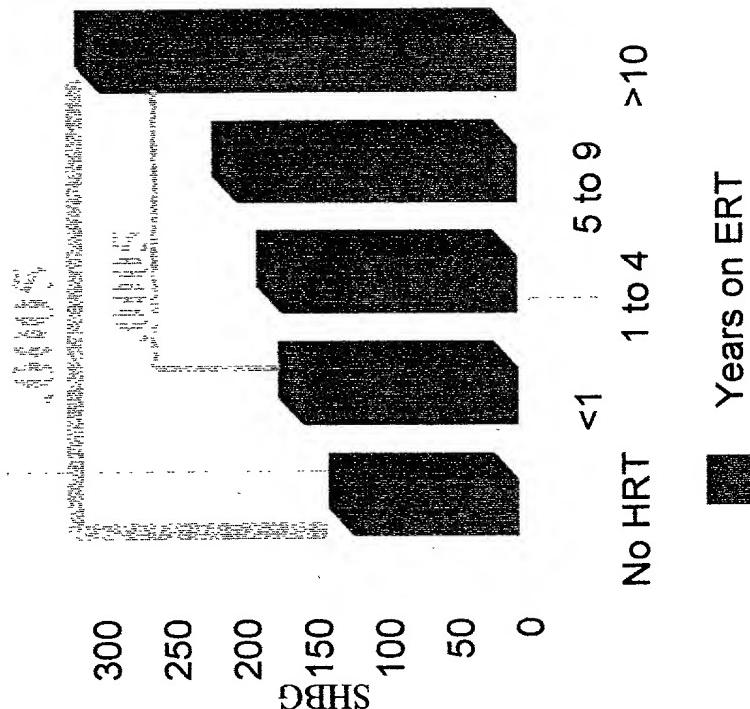


FIGURE 7

# Long-term ERT correlates to Insulin

As D-ERT increases Serum Insulin Decreases

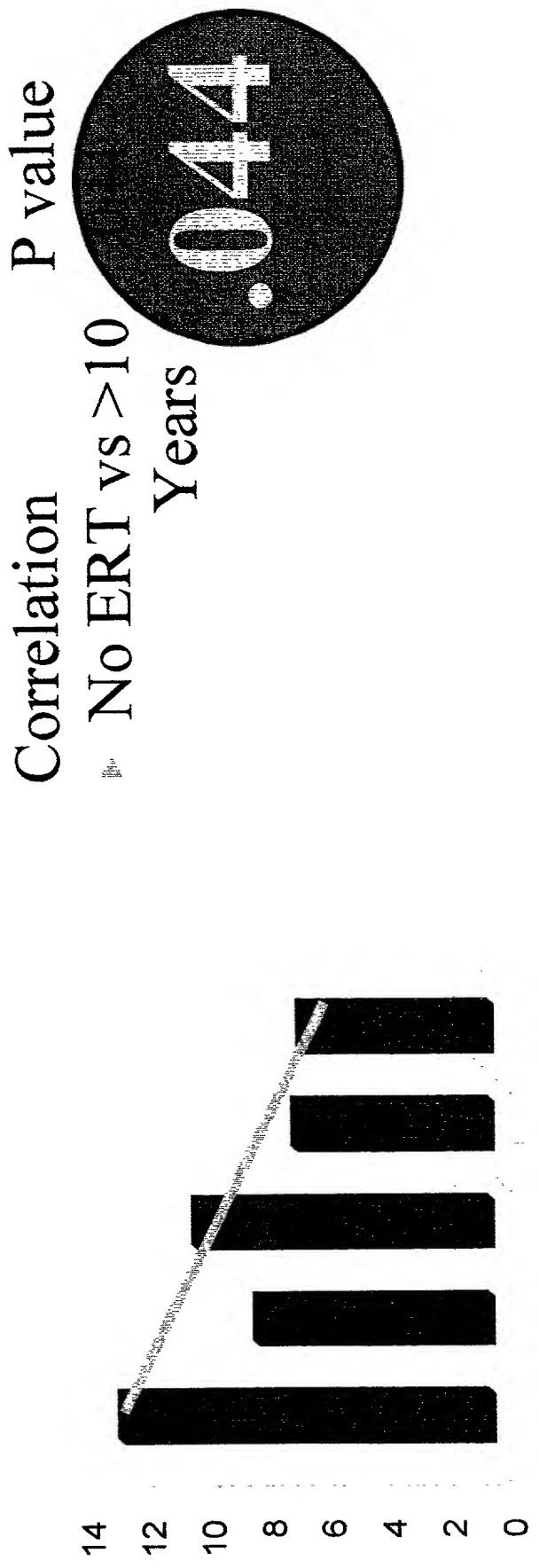


FIGURE 8

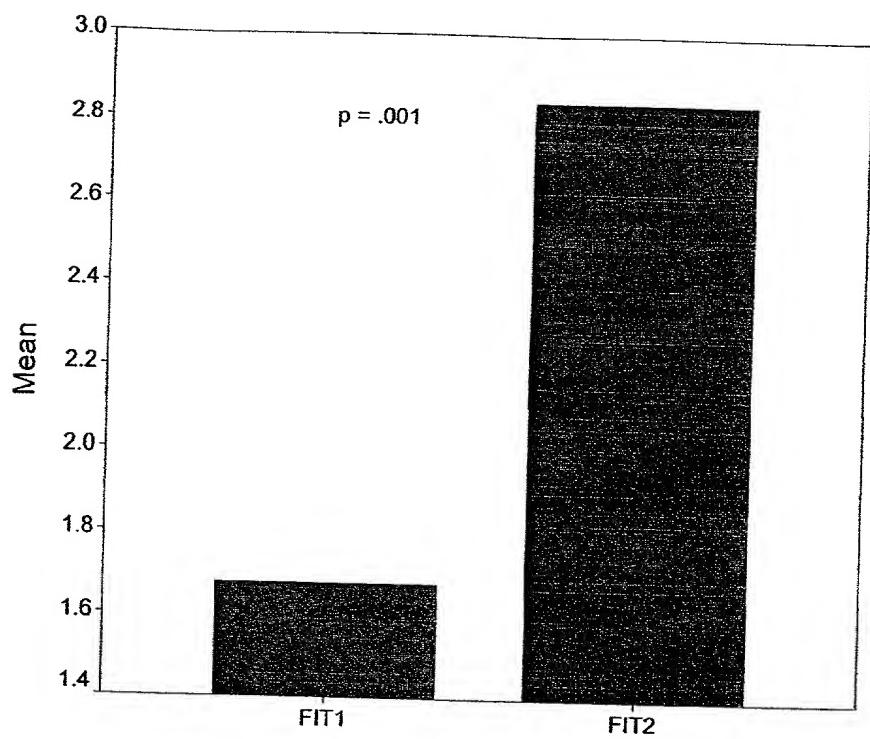


FIGURE 9

# F.I.T. Index

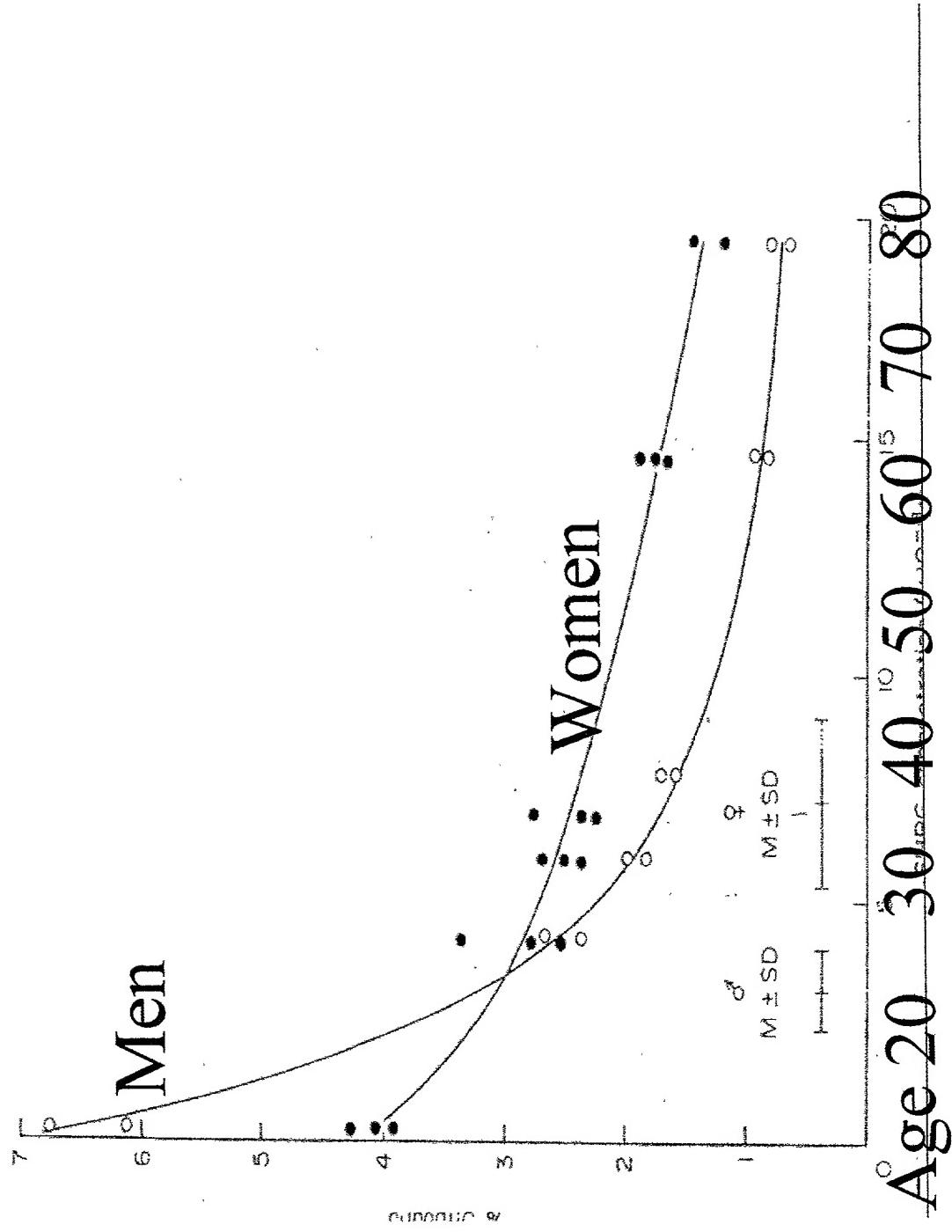


FIGURE 10